

RICHA BHATIA

SUMMARY

A graduate student specializing in Information Systems at Northeastern University, Boston. Highly motivated developer, constantly seeking new, challenging, and exciting opportunities to improve own abilities. Graduating in Summer 2018 and actively seeking full time opportunities

CONTACT

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🔗 <https://github.com/richabhatia20>

EDUCATION

Northeastern University

Master of Science Information Systems 2018

GPA 3.68

University of Mumbai

Bachelor of Engineering Computer Engineering 2013

SKILLS

LANGUAGES AND FRAMEWORKS: Java , Python, Spring MVC , Spring Boot , Spring REST , AWS Boto3

WEB TECHNOLOGIES AND TOOLS: HTML5, CSS3, JavaScript , AngularJS, ReactJS, jQuery , Node.js, Socket.io

TOOLS AND SERVICES: Git, Travis CI , Maven, Gradle, Jira , Jenkins, Amazon Web Services

DATABASE MANAGEMENT SYSTEMS: MySQL , Oracle, SQL , Google Firebase , MongoDB , DynamoDB , Hibernate

PROJECTS

Insuraplan

Jan 2018 to Current

Created scalable Restful APIs using Spring Boot to perform GET, PUT, POST, and DELETE operations for offered insurance plans and services

Implemented PATCH/MERGE/UPDATE to update fields without modifying JSON schema and incorporated role-based access authorization using OAuth 2.0

Used ETags for Conditional GET and PUT request using MD5 Hash

Utilized the Redis in memory cache and indexed the data in Elastic Search

Let-It-Go Application

Jan 2017 to Apr 2017

Built a fault tolerant web application with Spring REST using Amazon Web Services such as EC2, EBS, Route53, SES, ELB, CloudWatch, IAM, RDS, NoSQL (DynamoDB) and S3 object store

Implemented Continuous Delivery using Github, TravisCI and Amazon CodeDeploy

Foodister

Jan 2017 to Apr 2017

Developed a Spring MVC and Hibernate web application for restaurant review and order management

Created the responsive UI and client-side validations using AngularJS, jQuery and AJAX

Implemented Spring REST with HATEOS to create various APIs and security using Spring Security interceptors and custom Hibernate filter

EMPLOYMENT

Northeastern University

Boston, MA

Graduate Teaching Assistant for Cloud Computing · Jan 2018 to Current

- Mentoring students to get acquainted with the latest trends in Cloud Computing and deploying Spring Boot web application to cloud using Amazon Web Services/Google Cloud Platform, GitHub and Travis CI

- Conducting labs to highlight Git Workflows, AWS services, continuous deployment using Travis CI and JMeter test suit

PayPal Inc.

Boston, MA

Software Engineer Intern · May 2017 to Dec 2017

- Implemented multiple components in microservices architecture to facilitate B2B functionalities with Java1.8, Spring MVC, Hibernate, MongoDB, AngularJS, REST services, RabbitMq messaging service on PayPal Instore platform SDK

- Designed and developed JAXRS, JAXB based Java API modules for automating acceptance partner onboarding and coupon validation functionalities in the merchant campaign management portal

- Developed a Spring Boot web application for Performance Analytics using Amazon AWS SDK for creating on demand EC2 clusters on cloud for running JMeter Tests in instances and uploading the results to Amazon S3 buckets

- Created the front end of the application using HTML5, CSS3, ReactJS, Bootstrap, jQuery and Webpack

- Integrated Datadog and InfluxDB listeners on Tomcat servers in EC2 clusters for forwarding JMeter results to Grafana dashboard and queried Datadog API using aggregation methods to fetch CPU, Memory, IO server metric using Python

Tata Consultancy Services

Mumbai, India

Software Developer · Dec 2013 to Jul 2016

- Developed the front end for several hybrid mobile applications using HTML5, CSS3, JavaScript, jQuery, Bootstrap, AngularJS and created the native builds for mobile platforms Android and iOS using Apache Cordova

- Extensively worked on RESTful web services, database integration and data parsing using JSON and XML formats Created Web service API to upload multiple image files to enable integration with Document Management System

- Implemented and deployed web services based on Java API using Jersey framework (JAX-RS technology), integrated SSL certificate, encryption algorithms and generated log files using Apache log4j using regular expressions

- Developed end points based on JAX-WS technology and created complex SOAP based web services using Apache Axis 2 framework and constructed PDF reports based using iText library and Utilized JUnit for writing test cases

VOLUNTEERING

Northeastern Grad Women Coders · Vice President

Jan 2017 to Apr 2017 · Boston, MA

- NU GWC is a student organization within CCIS College at Northeastern University which aims to empower women and tech supporters to gain firsthand knowledge of the latest tools and technologies.

- In my capacity as the Vice President, I have conducted and organized various sessions for the student community.

- The group utilizes various tools for collaboration and planning like Trello, HackPad, GitHub and Slack.

ChickTech ACT-W Conference · Volunteer

Aug 2017 to Aug 2017 · Boston, MA

- Volunteered at the Advancing the Careers of Technical- Women (ACT- W)'s Boston Chapter.

- Responsibilities included setting up and manning the Registration desk, Event Logistics and Speaker Management